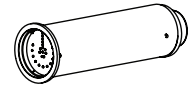




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GBM Smart Target Instructions

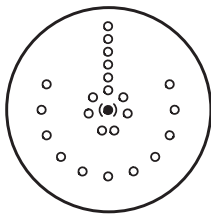


Instruction Part No. 050144A

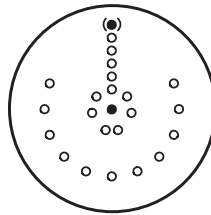
The Akkerman GBM Smart Target is a multi-functional programmable target.

- **Normal mode:** all LEDs are on (depending on programming mode) with the steering line LEDs flashing every second.
- **Battery Voltage Indicator** is visible at power up for one second. The outer ring LEDs are used as the gauge. One LED is on, then one LED for every 1/10th volt above 2.3 v.
- **Sleep mode*** (only center LED flashes) will conserve battery power when the target has not been rotated more than $\pm 20^\circ$ for ten minutes. Wake from sleep mode by simply rotating the target.
- **Low Battery mode*** (center LED on, outer most LED on steering line flashing) will activate when the battery level reaches $<2.1V$. Sleep mode will activate in one minute to conserve battery power.
- **High Temperature mode*** (all LEDs flash except steering line) activates when the target temperature is $>131^\circ F$ ($55^\circ C$). High temperature mode deactivates when target temperature is $<127^\circ F$ ($53^\circ C$).

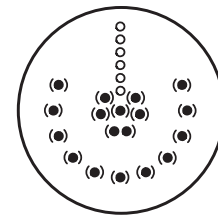
* Refer to illustrations below



Sleep Mode
- only center LED
flashes



Low Battery Mode
- center LED on, outer most
LED on steering line flashing



High Temperature Mode
- all above LEDs flash
except steering line

○ -LED Off ● -LED On (●) -LED Flashing

• Programming mode:

This mode allows the operator to increase/decrease the LED brightness and/or allow the inner LED ring display to be turned on/off. To enter programming mode, a series of target rotations are required within various time constraints.

Enter Programming Mode:

1. Rotate target and stop with the steering line pointing up to 12 o'clock position.
2. Wait 10 seconds for a single flash to appear, and within 10 seconds rotate target CW one complete rotation and stop in the up (12 o'clock) position.
3. Wait 10 seconds for a double flash to appear, and within 10 seconds rotate target two complete CW rotations and stop in the up (12 o'clock) position.
4. Wait 10 seconds for a triple flash to appear, and within 10 seconds rotate target three complete CW rotations and stop in the up (12 o'clock) position.
5. Wait 10 seconds. You are now in programming mode and only the steering line LEDs should be illuminated with outer most LED flashing rapidly.
6. Within 10 seconds rotate the target to desired command (see below):

Programming Command Modes:

- **Increase LED Brightness:** rotate target CW one full rotation with the steering line at the 12 o'clock position. Once brightness level is achieved, rotate target to store the setting.
- **Decrease LED Brightness:** rotate target CW 1/2 rotation with steering line at 6 o'clock position. Once brightness level is achieved, rotate target to store the setting.
- **Inner Ring On/Off:** rotate target CW 1/4 rotation with steering line at 3 o'clock position. The inner ring will toggle On/Off. Wait for inner ring to set the on/off position before rotating.
- **Steering Line Animation On/Off:** rotate target CW 3/4 rotation with steering line at 9 o'clock position. The steering line animation will toggle.

Reset to factory default mode: Using a solid, level surface, place target cap on surface. The outer ring LEDs will go off one by one until the complete target LEDs are off. Then all LEDs will blink twice. The target is now reset to the factory default settings.